



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/805,684	11/30/2000	James Joseph Brodi JR.	DP-301216	9238

7590

09/25/2003

Kathryn A. Marra
Delphi Technologies, Inc
P.O.Box 5052
Mail Code: 480-414-420
Troy, MI 48007-5052

EXAMINER

LEE, EDMUND H

ART UNIT

PAPER NUMBER

1732

DATE MAILED: 09/25/2003

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/805,684

Applicant(s)

BRODI ET AL.

Examiner

EDMUND H. LEE

Art Unit

1732

-- **Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3, 6-16 and 18-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6-16 and 18-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 8.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1,2, 7,8,9,10,11,12,13,14, 18,19, and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Jogan et al (USPN 5429786) as evidenced by fig 10 and col 3, ln 50-col 5, ln 60.

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 3, 6, 15, and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jogan et al (USPN 5429786). The above teachings of Jogan et al are incorporated hereinafter. However, Jogan et al does not teach loading the trim blank into a slip device; and extruding the thermoplastic material onto the core of the mold. In regard to loading the trim blank into a slip device, such is well-known in the molding art as an effective way for positioning a preform within a mold cavity. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to load the blank of Jogan et al onto a slip device in the mold of Jogan et al in order to effectively position the blank within the mold cavity and maintain the position of the blank during the molding process. In regard to extruding the thermoplastic material

Art Unit: 1732

onto the core of the mold, such is well-known in the molding art in order to effectively load a mold cavity with a molding material. Further, it should be mentioned that extruding and injecting are well-known substitutable alternatives for loading a mold cavity. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to deposit the molten thermoplastic material onto the core by extrusion rather than injection since they are substitutable alternatives.

5. Applicant's arguments filed 6/30/03 have been fully considered but they are not persuasive. Applicant argues that Jogan et al does not teach "the steps of moving a slide to an extended position on a core of the mold, depositing a molten thermoplastic material onto the core of the mold, closing the mold, and moving the slide to a retracted position". In regard to moving a slide to an extended position on a core of the mold, it is clear from fig 10 of Jogan et al that slides/fences 35 are extended to an extended position on a core of mold 34. In regard to depositing a molten thermoplastic material onto the core of the mold, Jogan et al clearly teach molten thermoplastic material is fed into mold section 37 defined by mold 34 and element 31 (col 6, lns 39-52; fig 10). In regard to closing the mold, it is clear from fig 10 that the mold is closed. In regard to moving the slide to a retracted position, Jogan et al clearly teach pulling back/retracting slides/fences 35 to a retracted position (col 6, ln 64-col 7, ln 12).

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Art Unit: 1732

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.


7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Both Fujita et al (USPN 4873045) and Rehm et al (USPN 6027678) teach extruding a molding material into a mold cavity. Ota et al (USPN 5776509) teach loading a trim blank into a slip device on a mold.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDMUND H. LEE whose telephone number is 703.305.4019. The examiner can normally be reached on **MONDAY-THURSDAY FROM 9AM-4PM.**

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Colaianni can be reached on 703.305.5493. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Art Unit: 1732

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703.308.0661.


EDMUND H. LEE 9/22/04
Primary Examiner
Art Unit 1732

EHL